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ADDITIONS TO MUSEUM.

ETHNOLOGY AND ARCHÆOLOGY.—A. L. Siler. Netting from Pueblo ruins, Utah.

M. Huffnagle. Mummy (and accessories) of the XIX dynasty, collected by Dr. Charles Huffnagle (on deposit).

Mrs. Thomas Say. Leather stockings worn by Wm. Maclure.

MAMMALIA (Recent and Fossil).—H. C. Chapman. Skeleton of elephant. S. F. Aaron. *Lepus callotis* (skull and skin), Texas; *Spermophilus grammurus?* (skin), Texas.

G. Raphael. *Blarina?* Beverly, N. J.

W. W. Jefferis. Tooth of fossil horse, Orange Co., Fla.

Florida Land and Improvement Co. (J. J. Dunne). Fragments of manatee bones, Manatee River, Fla.

BIRDS.—S. F. Aaron. 16 trays of eggs of North American birds.

T. G. Gentry. 181 nests of North American birds.

Zoological Society of Philadelphia. *Cyanocorax chrysops*, Brazil; *Micrathene whitneyi*.

T. L. Harrison. A collection of North American birds (no stated localities).

M. J. Middleton. Hooded merganser and whistling swan, Chesapeake Bay.

J. H. Carr. Impeyan pheasant, India.

W. H. Jones. *Aulacorhamphus albobitta*, *A. hamatopygius*, *Sturnella* sp.? *Cotinga maynana* and *Tanagra lunulata*, from Colombia, S. A.

REPTILES (Recent and Fossil).—H. C. Chapman. *Ceratophrys cornuta*, Surinam; *Ungalia maculata*, *Diadophis rufescens*, *Hyla septentrionalis*, *Hylodes planirostris*; *Anolis Sagrei* and *A. principalis*, Nassau, New Providence.

W. W. Jefferis. Carapace of *Chelydra serpentina*, Lenni Dam, Pa.

FISHES (Recent and Fossil).—R. D. Casterline. Two specimens from the Green River Shales (Eocene), Wyoming.

W. Dougherty. *Fistularia tabaccaria*.

Purchased. 45 species of fishes from the southern and western waters of the United States, collected by D. S. Jordan and S. E. Meek. 75 bottles of fishes from the waters of the southern and western United States, collected by D. S. Jordan and S. E. Meek.

MOLLUSCA.—Rafael Arango. 7 species marine shells from Cuba, etc.

S. Archer. 158 species marine shells, Singapore.

J. F. Bailey. 19 trays marine shells from Australia.

W. T. Bednall. 11 species marine shells from Australia.

W. G. Binney. *Helix germana*, Santa Cruz, Cal.; *Helix Levettei*, Santa Fe Canyon, New Mexico.

Rev. W. M. Beauchamp. 10 species fresh-water shells from the State of New York.

J. J. Brown. 2 species fresh-water shells from the Bermudas and Bahamas.

H. F. Carpenter. *Amnicola grana*, near Providence, R. I.

H. C. Chapman. 8 species marine shells from the Bahamas.

Conchological Section (by purchase). 97 species shells new to the collection, many types; 48 species of marine, land and fresh-water shells from Sicily; 72 species marine and fresh-water shells from Australia, Cape of Good Hope, India, etc.; 100 trays land, marine and fresh-water shells from France, collected by M. Bidard; 16 trays land and fresh-water shells from Missouri, collected by O. A. Crandall; 175 species land, marine and fresh-water shells from England, collected by H. Crowther;

- 78 species of land and fresh-water shells, principally from New Caledonia, collected by G. Dupuy; 103 species of land, marine and fresh-water shells from France, collected by A. Granger; 217 species of land, marine and fresh-water shells from Florida, collected by H. Hemphill; 38 species of land shells from France, collected by M. Locard; 39 trays land and fresh-water shells from Asia, Africa, Tasmania and New Caledonia, collected by E. Marie; 42 species marine shells from Florida, collected by M. A. Mitchell; 137 trays land and fresh-water shells from France, collected by Lieutenant Wattebled.
- John Ford. 8 trays of marine shells from Rhode Island and Massachusetts; suite of land and fresh-water shells from Philadelphia county, Pa.; *Helix Stimpsoni*; *Teredo navalis*, in ebony wood from Macassar, Java; *Pholas truncata* and *P. crispata* from Sea Isle City, New Jersey; 5 species marine and fresh-water shells from Narragansett Bay, etc.; *Melo Indica*; *Hippopus maculatus* and *Trochus pica*; *Littorina irrorata* Say (young) and *Modiola plicatula* Lam. from Atlantic City, New Jersey.
- Dr. F. M. Hamlin. 2 species marine shells from Bermuda.
- Dr. Hartmann. 5 photographs of type species of *Partula*.
- Benton Holcomb. 11 species of land and fresh-water shells from Connecticut.
- F. W. Hutton. 11 species marine shells, New Zealand.
- W. W. Jefferis. *Helix pomatia* and *Helix hortensis* from Heidelberg.
- C. W. Johnson. *Columbella avara*, *C. lunata* and *Odostomia impressa* from Florida.
- C. R. Keys. *Sphærium sphericum* Anth. from Kennedy's Lake, Iowa.
- G. W. Lichtenthaler. 23 species marine shells from the Sandwich Islands, Alaska, etc.; *Sphærium sulcatum* Lam. from Salem, Oregon.
- C. E. Orcutt. *Lymnea humilis* Say from Todas Santos Bay, California.
- H. L. Osborn. 31 species marine shells from Beaufort, N. C.
- G. Howard Parker. *Sphærium striatum* Lam., Ridley Creek, Delaware Co., Pa.
- H. A. Pilsbry. *Gundlachia Meekiana*, Rock Island, Ill.
- J. B. Quintard. 3 species of fresh-water shells from Silver Lake, Kansas.
- J. H. Redfield. *Pecten Magellanicus*, Mt. Desert, Maine; *Littorina littorea*, Martha's Vineyard, Mass.
- U. C. Smith. *Pholas truncata*, Anglesea, N. J.
- Hon. F. E. Spinner. *Unio Buckleyi* Lea, Lake Monroe, Fla.; *Planorbis glabratus* Say, St. John's River, Fla.
- R. E. C. Stearns. 4 species of marine and fresh-water shells, from California, Tehuantepec and Peru.
- L. H. Streng. *Purpura hemastoma*, Panama; *Nerita fulgurans*, Nicaragua; *Unio nasutus* and *Physa integra*, Michigan; 2 fresh-water species from Vancouver Island.
- G. Test. Egg capsules of *Fulgur canaliculatus*, from Sea Isle City, N. J.
- J. H. Thomson. 7 species of land and fresh-water shells, from Merida, Yucatan, and New Mexico; *Helix alauda* Fér., Cuba.
- Henry A. Ward. Glove woven from the byssus of *Pinna pernula*, Mediterranean Sea.
- Wm. Wheeler. *Cypræa angustata* and *C. edentula*, from Algoa Bay, South Africa.
- J. Willcox. Egg cases of *Fulgur peruersus*, Tampa Bay, Fla., and of *Fasciolaria*, Charlotte Harbor, Fla.; *Vivipara lineata* Val., and *Unio fuscatus* Lea, Orange County, Fla.
- INVERTEBRATA (recent, exclusive of mollusks).—J. Ford. *Echinanthus rosaceus* and *Meoma ventricosa*, Elbow Key, Fla.; *Meoma ventricosa*, Nassau, New Providence; *Asterias ochracea*, Santa Cruz, Cal.; *Strongylocentrotus purpuratus*? California; *Oreaster*, Nassau; *Meyenia Leidyi*, Philadelphia.

- H. C. McCook. A collection of Cicada architecture.
 G. Günther. A collection of insects, Buenos Ayres.
 C. Test. *Balanus eburneus*, Sea Isle City, N. J.
 J. B. English. *Serpula dianthus*, Barnegat Bay, N. J.
 G. J. Corson. Serpuloid worm burrows, Morris Cove, N. J.
 C. McCormick. *Xanthodes nitidula* and *Apus longicaudatus*, Texas; *Gelasimus pugilator*, Atlantic City, N. J.; *Izodes*, sp.? Texas.
 E. Potts. *Pectinatella*.

- INVERTEBRATA (Fossil).—J. Ford. *Orthis testudinaria*, from New York and Ohio.
 W. W. Jefferis. Casts of *Venus*, Miocene of James River, Va.: a collection of Silurian and Carboniferous fossils from the west.
 J. Wilcox. A collection of fossils, partly chalcedonized, from Tampa Bay, Fla. (Oligocene?)
 C. McCormick. *Acidaspis tuberculatus*, Bushkill, Pa.; *Phacops Loganii*, Dingman's Ferry, Pa.
 Chas. Wachsmuth. Slab containing Crinoids, Carboniferous of Marshalltown, Iowa.
 Florida Land and Improvement Co. (J. J. Dunne). *Conorbis*, n. sp. (*priniceps*), Oligocene, of Manatee River, Fla.

- PLANTS (Recent).—Prof. Thomas C. Porter, Lafayette College, Easton, Pa. *Holosteum umbellatum* L., from Harrisburg, Pa.
 Mrs. Maria L. Owen, Springfield, Mass. 7 species rare plants, from Nantucket, Mass., and an abnormal form of *Kalmia latifolia* L., from Deerfield, Mass.
 Dr. J. W. Eckfeldt, Phila. 160 species Lichens from Scandinavia, Austria, Hawaiian Islands and N. America, all named and mounted, of which 91 are new to the collection.
 Wm. M. Canby, Wilmington, Del. *Isoetes melanospora* Engelm., Stone Mt., Ga., new to the collection; 388 species from Europe, S. Africa and Australia, of which 77 are new to the collection.
 Dr. Asa Gray, Cambridge, Mass. 217 species from China, Formosa, Siam, S. Africa, Australia, S. America and United States, of which 76 are new to us.
 Prof. N. L. Britton, Columbia College, N. Y. 17 species Cyperaceæ, from Texas, of which 4 are new to us; Also *Montia Howellii*, Washington Territory.
 J. B. Ellis, Newfield, N. J. 14th and 15th centuries of N. American Fungi.
 Thos. Meehan, Phila. 365 species collected by him in 1883, in Western Colorado, Utah, California and Nevada, of which 13 are new to the collection; 21 species, mostly cultivated exotics, of which 17 are new to us.
 Mrs. Fanny E. Briggs, La Center, Washington Terr., through Thomas Meehan. 51 species, collected by her in Washington Terr.
 California Academy of Natural Sciences, by Rev. E. L. Greene and Mrs. Mary K. Curran, Curators. 24 species of rare California plants, of which 18 are new to the collection.
 Isaac C. Martindale, Camden, N. J. 5 species plants from western North America, of which 3 are new to us.
 Isaac Burk, Philadelphia. *Helianthus giganteus* L. *Helianthus* (doubtful sp.). *Senecio tomentosus*, from Cape May, N. J., and 19 species from ballast deposits at Kaighn's Point, mostly of South American origin, of which 6 are new to the collection.
 Mrs. Flora E. Haines, Bangor, Me. *Petasites palmata* Gr., from near Bangor, Me.

Aubrey H. Smith, Phila. *Silphium perfoliatum* L., and *Gordonia pubescens* L'Her., with its fruit, from Bartram's Garden, Phila.

Dr. Emil Bessels, Washington, D. C. 13 species arctic plants, collected on Voyage of *Polaris* in July, 1872, Lat. 81°-82° N., and Long. 61° W.

J. Donnell Smith, Baltimore, Md. 26 species from southern United States, of which 3 are new to us.

John H. Redfield. 67 species from western N. America, of which 56 are new to us.

299 species, collected by C. G. Pringle, in Arizona and Iowa, in 1884, of which 114 are new to the collection.

16 species N. American grasses, mostly from Florida, of which 6 are new to us.

143 species, collected by him on N. England coast, mostly from Maine. *Priestia refracta* Klatt, Cult., new to us.

PLANTS (Fossil).—J. Ford. 5 trays coal plants, Schuylkill Co., Pa.

L. H. Lighthipe. A collection of fossil plants and plant impressions, from the Cretaceous clay of Woodbridge, N. J.

ROCKS AND MINERALS.—W. W. Jefferis. Dog-tooth spar, Mineral Point, Wis.; magnetic sand, Lake Champlain; iron pyrites, changing into limonite, Berks Co., Pa.; corundum, Chester Co., Pa.; fossiliferous limestone, Cincinnati; iron pyrites, E. Whiteland, Pa.; silurian limestone, Ohio; blende and galena, Cumberland, England; quartz, from dolomite of Poorhouse Quarry, Chester Co., Pa.; quartz, from Lewis Co., N. Y.; gneiss and limestone, from Van Arsdalen's quarry, Pa.; leucite, from Vesuvius; quartz. Hot Springs, Ark.; calamine, pseudomorph after calcite, Mineral Point, Wis.; granular quartz, Dixon's, Del.; corundum, Newlin, Pa.; pyroxene, Burgess, Can.; garnet, Lancaster, Mass.; fluor spar, Philadelphia; massive garnet, Birmingham, Pa.; granite, Triassic shale, no loc.; Potsdam sandstone, Gouverneur, N. Y.; lignite, Bonn, Germany; amygdaloidal melaphyre, Oberstein, Germany; melaphyre, Hettstadt, Germany; trachyte, Siebengebirge, Germany; lithographic slate, Bavaria; toadstone, Newburyport, Mass.; buhrstone, Paris, France; amygdaloid, Round Hill, Mass.; blue quartz, Chester Co., Pa.; schist with magnetite (loc. ?); wavellite, E. Whiteland, Pa.; blue quartz, East Creek, N. Y.; actinolite, Delaware Co., Pa.; hematite, Bernisof; mica slate, Warren, N. H.; corundum (altered), New Lynn, Pa.; hornblende, apatite and sphene, Rossie, N. Y.; limonite, Algeria; muscovite, Pennsburg, Pa.; muscovite, Chandler's Hollow, Del.; hornblende, Russell, N. Y.; cadmiferous blende, Wilkenradt; pyrite, smithsonite and sphalerite, Mineral Point, Wis.; quartz, Media, Pa.; polyadelphite, Franklin, N. J.; red-spotted porphyry, Lynn, Mass.; polyadelphite and rhodonite, Franklin, N. J.; corundum in Indianite, Delaware Co., Pa.; danburite (loc. ?); talc, East Bradford, Pa.; phlogopite, Rossie, N. Y.; phlogopite, Burgess, Can.; talc, Rochester, N. H.; radiated mica and damourite, Chester Co., Pa.; cerussite, Mineral Point, Wis.; calcite, Bilbao, Spain; rutile and dolomite, Chester Co., Pa.; scapolite, Bolton, Mass.; almandine, Dixon's, Del.; tourmaline, Thousand Islands.

D. S. Martin. Carrara marble bored by sponge, Long Island; marmolite, Hoboken, N. J.; crust from Saratoga "Geyser Spring;" crust from "Champion Spring," Saratoga; Eozoon rock, Thurman, N. Y.

S. E. Hudson. Lignite, from Egg Harbor, N. J.

J. Ford. Fossiliferous pebbles, Fairmount Park, Pa.

I. Lea. A series (51 trays) of Triassic rocks and organic impressions from Pennsylvania; a series (35 trays) of rock fragments and plant remains from the Permian, Trias and Lias of Alsace-Lorraine and southwestern Germany, named in part by Prof. Schimper.

- Dr. Rice. Wollastonite, Martinsburgh, N. Y.
- J. M. Hartman. Hematite, Jaragua, Chili; hematite, Jefferson Co., Ala.; quartz, iron, and copper pyrites, from Concord, N. C.; do, from Rima Mine, N. C.; do, from Rowan Co., N. C.; gold, Concord, N. C.
- S. E. Paschall. Fossiliferous Triassic shale, Phoenixville, Pa.; Triassic shale, with calamites, Bucks Co., Pa.
- J. Eyerman. Stibnite, Mount Kosang, Japan.
- J. C. Sanderling. Gold gangue (loc.?)
- A. W. Dickson. Coal (with "eyes"), Kingston, Pa.
- T. D. Rand. Chromite, Radnor, Pa., quartz, Chester Co., Pa.; trap column, from Conshohocken dike, Wayne, Pa.
- D. B. Bruner. Chabazite, Fritz's Island; do. from Reading, Pa.; datholite and brucite, Reading, Pa.; aragonite, Berks Co., Pa.; apophyllite, thomsonite, calcite, and mesolite, Fritz's Island, near Reading, Pa.
- S. Tyson. Chabazite, Fritz's Island, Pa.; apophyllite, Reading.
- A. O. Deshong. Zoisite, Leiperville, Pa.
- E. W. Pine. Quartz geode, Keokuk, Iowa.
- H. C. Lewis. Cuprite, Frankford, Pa.; calcite, Wheatley Mine, Pa.; genthite, Lafayette, Pa.; hypersthene gabbro, Mt. Hope, Md.
- L. Woolman. Erythrite, Wheatley Mine, Phoenixville, Pa.; Triassic shale, with plant impressions, Phoenixville, Pa.; milky quartz, Overbrook, Pa.
- C. U. Shepard. Lazulite, Georgia; asbestiform bronzite, Pelham, Mass.; keatingine, Ft. Sparta; elroquite, Elroque, W. I.; phosphorite, Spain; indianite, Pelham, Mass.; wilsonite, templeton and uralite, Conn.; antillite (loc.?): pelhamine, Pelham, Mass.; keatingine, Franklin, N. J.; monite, Island of Mona; monetite, Island of Moneta; staurolite, Morgantown, Ga.; staurolite, S. Car.
- L. Garrison. Clinton ore. S. Pittsburgh, Pa.
- C. McCormick. Granite, with nodular mica, Craftsbury, Vt.; Clinton shale, with glacial striæ, and Hudson River slate, Delaware Water Gap, Pa.; uranotil (?) and autunite, from Avendale quarries, Pa.
- G. H. Parker. Glaciated pebbles, clay, etc., from the glaciated region near Boston, Mass.; autunite and torbernite (?), Avendale quarries, Pa.
- W. H. Schiveley. Cryolite, siderite, and galena, Ivigtut, Greenland.
- M. A. Walsh. Concretions formed in ferruginous gravel, of Perryville, N. J.
- E. J. Wheelock. Slickensided shale (Triassic), Newark, N. J.
- C. Brock. Eocene rock, Eutaw Springs, S. Car.
- J. W. Pike. Pebbles from fossiliferous gravel of New Jersey.
- H. C. Chapman. Shale, with fossil leaves, Wyoming; fragment of fossiliferous boulder, Mt. Desert.
- Mineralogical and Geological Section, A. N. S. Hornblende, Renfrew Co., Can.; pyroxene, var. Jeffersonite, Sussex Co., N. J.; obsidian, near Pinas, Mexico; kyanite, Norwich, Conn.; stilbite, Nova Scotia; quartz in limonite, New York; apophyllite and stilbite, Frankford, Pa.; wernerite, Sussex Co., N. J.
- Purchased. Elæolite (var. nephelite), Magnet Cove, Ark.; nephelite, Löbau, Saxony.
- In Exchange. Kyanite, Black Horse, Del. Co., Pa.; orthoclase, albite with beryl, hyalite, and beryl, Avondale, Del. Co., Pa.